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Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER 634-5131

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED FEBRUARY 2, 1963

INFLUENZA – Outbreaks of acute febrile respiratory disease have been reported from the District of Columbia and ten States, including Maine, Vermont, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Illinois, and Kansas.

Influenza A_2 virus has been isolated or confirmed by serologic titer rises as the causative agent of outbreaks in the District of Columbia, Maryland, Kansas, North Carolina and at the Great Lakes Naval Training Station in Illinois.

The number of pneumonia-influenza deaths reported weekly by 108 cities has remained above the epidemic threshold for the past four weeks.

Excess deaths for two or more consecutive weeks have been reported from the Mountain, West South Central and South Atlantic States. During the week ending February 2, deaths in the West North Central and Middle Atlantic States exceeded the epidemic threshold for the first time in 1963.

Maryland – Influenza in Baltimore continues to be epidemic with some indication that the peak of the epidemic curve has passed. The Baltimore Police Department has had over 300 absentees during the month of January from a total of 3,740 men.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

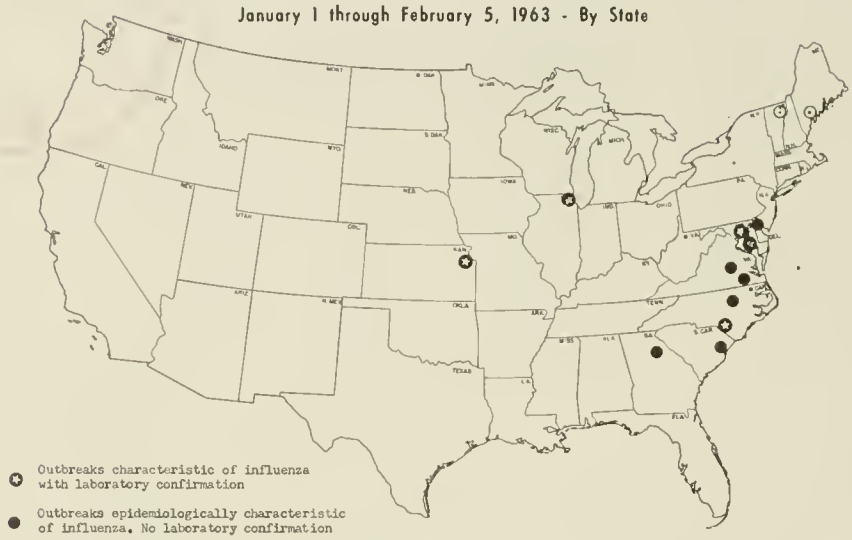
(Cumulative totals include revised and delayed reports through previous week)

Disease	5th Week			Cumulative First 5 weeks		
	Ended February 2, 1963	Ended February 3, 1962	Median 1958 - 1962	1963	1962	Median 1958 - 1962
Aseptic meningitis	24	18	---	130	74	---
Brucellosis	4	1	13	22	23	58
Diphtheria	9	13	22	32	73	107
Encephalitis, infectious	26	35	26	86	132	111
Hepatitis, infectious and serum	1,207	1,699	775	5,305	7,420	3,564
Measles	9,297	10,166	10,219	39,342	41,627	42,728
Meningococcal infections	64	54	57	264	252	272
Poliomyelitis, total	3	15	15	17	46	106
Paralytic	3	11	11	15	30	58
Nonparalytic	-	3	3	2	8	37
Unspecified	-	1	1	-	8	11
Streptococcal sore throat and Scarlet fever	9,039	9,728	---	41,906	40,133	---
Tetanus	1	6	---	20	15	---
Tularemia	5	4	---	23	34	---
Typhoid fever	4	10	10	25	34	39
Typhus fever, tick-borne, (Rocky Mountain spotted)	-	-	---	-	2	---
Rabies in Animals	54	73	81	266	301	373

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	-	Psittacosis: N.C. - 1, W. Va. - 1	8
Botulism:	-	Rabies in Man:	-
Malaria: Ky. - 1	10	Smallpox:	-
Plague:	-	Typhus, murine:	1

INFLUENZA AND INFLUENZA-LIKE DISEASE OUTBREAKS U. S. A.
January 1 through February 5, 1963 - By State



Outbreaks characteristic of influenza with laboratory confirmation

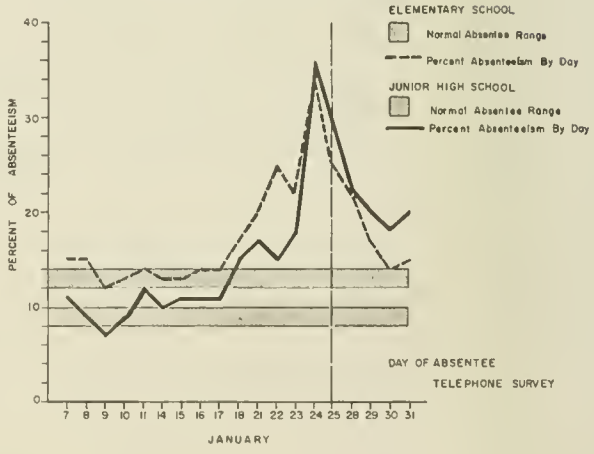
Outbreaks epidemiologically characteristic of influenza. No laboratory confirmation

Outbreaks of febrile respiratory disease resembling influenza
Adequate epidemiologic characterization lacking. No laboratory confirmation

Results of a telephone survey of absenteeism at the Robert Poole Elementary and Junior High School for the month of January is shown in the figure below. At the time of the survey, approximately 70% of school absentees were shown to be ill with disease compatible with influenza.

Two more A_2 isolations have been obtained from throat washings from two employees at the Johns Hopkins Hospital, an epidemic focus. Isolations were confirmed at the Maryland State Laboratories.

ROBERT POOLE ELEMENTARY & JUNIOR HIGH SCHOOL
BALTIMORE INFLUENZA OUTBREAK



District of Columbia – Since January 15th, five influenza A_2 isolates have been obtained from individuals with acute febrile respiratory disease. Two of the isolates were from 79-year-old and 86-year-old males who subsequently expired with death attributed to influenza-pneumonia and pneumonia, respectively.

School and industrial absenteeism in the District of Columbia has been somewhat higher for the month of January than in the same months in 1962 and 1961.

Virginia – Thirty-nine of Virginia's 97 counties reported outbreaks of influenza-like illness for the week ending February 2, with a total of 4,535 cases compared to 1,000 for the previous week. School absentee rates as high as 20% were reported from several rural counties bordering known sites of epidemic influenza in North Carolina. A significant titer rise to Type A influenza has been obtained in one of eleven pairs of sera tested. Laboratory studies are continuing.

Georgia – An outbreak of acute febrile respiratory disease began at the University of Georgia, in Athens, about January 22-24.

At the height of the epidemic (January 28-30), approximately 150 new cases were seen each day at the University Infirmary. The illness, lasting 4-5 days, is characterized by sudden onset of myalgia, weakness, anorexia, sore throat, nasal congestion and temperatures between 100 and 102°. An abrupt decline in the number of patients reporting to the Infirmary was noted on February 1. Practicing physicians in the surrounding community of Athens are now beginning to see a similar illness among their patients. Laboratory studies are under way.

South Carolina – Increased school absenteeism due to acute febrile respiratory disease is reported from Conway in Horry County, near the North Carolina border. Conway schools reported 20% absenteeism on February 4. Epidemiologic data and specimens are being collected.

North Carolina – Epidemic influenza has continued to spread in North Carolina and has involved most parts of the State. Seventy-one of North Carolina's 100 counties submitted reports for the week ending February 2. Of these, 55 indicated that outbreaks of influenza-like disease were current. In Robeson and Hoke Counties, two of the earliest to be affected, the epidemic has passed its peak. The western and west central portions of the State are the only areas which have been free of community-wide outbreaks, although sporadic cases have been reported.

Vermont – An outbreak of influenza-like illness lasting 3-4 days and characterized by sudden onset of fever, chills, headache, sore throat, and myalgia is occurring in Island Pond, Essex County. School absenteeism and laboratory studies are in progress.

Maine – An influenza-like illness characterized by fever (102-103°), weakness, sore throat, cough and rhinitis, appeared at Colby College in Kennebec County during the 4th week of January. Admissions to the infirmary for this illness rose from 6 on 1/25 to 27 on 1/30. There has been no evidence of spread to the population outside the school. Laboratory studies are in progress.

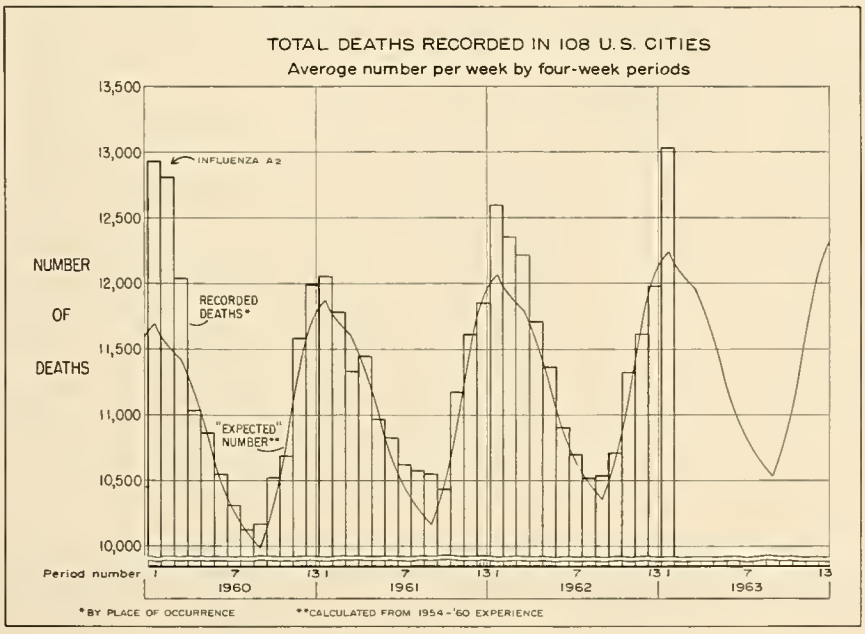
Great Lakes Naval Training Station – Illinois – Since January 21, an outbreak clinically characteristic of of influenza, involving some 150 cases, has occurred in

(Continued on page 40)

TOTAL DEATHS RECORDED IN 108 U. S. CITIES

The weekly average number of total deaths in 108 cities for the four-week period ending February 2 was 13,030 as compared with an expected 12,227 weekly average, an excess of an average of 803 deaths each week, or 3,211 excess deaths for the four-week period. This is the first four-week period of the current year to show an excess and this is the largest excess during a comparable four-week period since the A_2 influenza epidemic of 1960.

	WEEK ENDING				4 Week Total	Weekly Average
	1/12	1/19	1/26	2/2		
Observed	13,322	12,699	13,023	13,076	52,120	13,030
Expected	12,239	12,246	12,229	12,195	48,909	12,227
Excess	1,083	453	794	881	3,211	803



(See table, page 39)

Table 3 CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

FEBRUARY 3, 1962 AND FEBRUARY 2, 1963

Area	Poliomyelitis, total cases				Poliomyelitis, paralytic				Poliomyelitis, nonparalytic		Aseptic Meningitis	
	5th week		Cumulative First 5 weeks		5th week		Cumulative First 5 weeks		5th week		5th week	
	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962	1963	1962
UNITED STATES	3	15	17	46	3	11	15	30	-	3	24	18
NEW ENGLAND	-	-	-	-	-	-	-	-	-	-	1	3
Maine	-	-	-	-	-	-	-	-	-	-	-	1
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	1	-
Rhode Island	-	-	-	-	-	-	-	-	-	-	-	2
Connecticut	-	-	-	-	-	-	-	-	-	-	-	-
MIDDLE ATLANTIC	1	6	2	20	1	4	2	12	-	2	-	-
New York	1	6	1	20	1	4	1	12	-	2	-	-
New Jersey	-	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania	-	-	1	-	-	-	1	-	-	-	-	-
EAST NORTH CENTRAL	-	3	6	4	-	3	5	4	-	-	1	3
Ohio	-	2	2	3	-	2	1	3	-	-	-	-
Indiana	-	1	-	1	-	1	-	1	-	-	-	-
Illinois	-	-	4	-	-	-	4	-	-	-	1	2
Michigan	-	-	-	-	-	-	-	-	-	-	-	1
Wisconsin	-	-	-	-	-	-	-	-	-	-	-	-
WEST NORTH CENTRAL	-	1	-	4	-	1	-	1	-	-	1	-
Minnesota	-	-	-	-	-	-	-	-	-	-	1	-
Iowa	-	1	-	2	-	1	-	1	-	-	-	-
Missouri	-	-	-	2	-	-	-	-	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	-	-	-	-	-	-	-	-	-	-	-	-
Kansas	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH ATLANTIC	1	2	1	4	1	2	1	4	-	-	2	2
Delaware	-	-	-	-	-	-	-	-	-	-	1	-
Maryland	-	-	-	-	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	1	-	-	-	1	-	-	1	-
West Virginia	-	-	-	-	-	-	-	-	-	-	-	2
North Carolina	1	1	1	1	1	1	1	1	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-	-
Georgia	-	-	-	-	-	-	-	-	-	-	-	-
Florida	-	1	-	2	-	1	-	2	-	-	-	-
EAST SOUTH CENTRAL	-	1	1	2	-	-	-	1	-	-	2	2
Kentucky	-	-	-	-	-	-	-	-	-	-	2	1
Tennessee	-	1	-	1	-	-	-	-	-	-	-	-
Alabama	-	-	1	1	-	-	-	1	-	-	-	-
Mississippi	-	-	-	-	-	-	-	-	-	-	-	1
WEST SOUTH CENTRAL	1	2	5	5	1	1	5	4	-	1	-	1
Arkansas	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	1	-	5	1	1	-	5	1	-	-	-	-
Oklahoma	-	-	-	-	-	-	-	-	-	-	-	-
Texas	-	2	-	4	-	1	-	3	-	1	-	1
MOUNTAIN	-	-	-	3	-	-	-	2	-	-	10	1
Montana	-	-	-	2	-	-	-	1	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-	-
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	8	1
New Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Arizona	-	-	-	-	-	-	-	-	-	-	-	-
Utah	-	-	-	1	-	-	-	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	2	-
PACIFIC	-	-	2	4	-	-	2	2	-	-	7	6
Washington	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	-	-	-	-	-	-	-	-	-	-	-	-
California	-	-	2	4	-	-	2	2	-	-	7	6
Alaska	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-	-	-	-	1

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
FEBRUARY 3, 1962 AND FEBRUARY 2, 1963 - (Continued)

Area	Brucellosis		Diphtheria		Encephalitis, infectious		Hepatitis, infectious and serum				Measles	
							5th week					
	5th week	Cumulative 5 weeks	5th week	Cumulative 5 weeks	5th week		Under 20 yr.	20 & over	Total		5th week	
	1963	1963	1963	1963	1963	1962	1963	1963	1963	1962	1963	1962
UNITED STATES	4	22	9	32	26	35	680	443	1,207	1,699	9,297	10,166
NEW ENGLAND	-	-	-	1	-	-	97	54	152	80	456	1,635
Maine	-	-	-	-	-	-	66	26	92	17	18	385
New Hampshire	-	-	-	-	-	-	6	6	12	9	-	5
Vermont	-	-	-	-	-	-	2	1	3	2	24	3
Massachusetts	-	-	-	1	-	-	8	17	26	32	170	759
Rhode Island	-	-	-	-	-	-	2	1	3	12	37	111
Connecticut	-	-	-	-	-	-	13	3	16	8	207	372
MIDDLE ATLANTIC	-	2	2	3	3	9	110	108	218	187	622	1,293
New York	-	2	1	2	2	5	75	61	136	100	246	678
New Jersey	-	-	-	-	-	-	14	26	40	38	129	381
Pennsylvania	-	-	1	1	1	4	21	21	42	49	247	234
EAST NORTH CENTRAL	-	1	2	2	3	1	115	75	197	411	3,722	1,285
Ohio	-	-	-	-	-	-	40	27	69	173	232	104
Indiana	-	-	-	-	-	-	3	2	6	37	128	80
Illinois	-	1	2	2	1	-	20	17	40	50	187	430
Michigan	-	-	-	-	1	1	48	27	75	131	1,373	494
Wisconsin	-	-	-	-	1	-	4	2	7	20	1,802	177
WEST NORTH CENTRAL	2	15	3	9	2	4	44	26	71	150	531	171
Minnesota	-	1	-	1	-	-	6	4	11	30	127	17
Iowa	2	11	-	1	-	-	10	7	17	57	130	54
Missouri	-	-	-	-	-	2	23	11	34	17	40	12
North Dakota	-	-	-	-	1	-	-	-	-	2	221	74
South Dakota	-	2	2	6	1	-	1	1	2	3	2	8
Nebraska	-	1	1	1	-	-	1	1	2	8	11	6
Kansas	-	-	-	-	-	2	3	2	5	33	NN	NN
SOUTH ATLANTIC	-	-	1	9	6	3	77	33	116	203	1,311	878
Delaware	-	-	-	-	-	-	-	2	2	1	8	6
Maryland	-	-	-	-	1	-	6	4	11	27	24	119
District of Columbia	-	-	-	-	-	1	-	4	4	1	3	22
Virginia	-	-	-	1	-	-	16	9	26	36	146	355
West Virginia	-	-	-	-	-	-	8	1	10	40	564	258
North Carolina	-	-	-	1	5	2	29	4	33	57	77	13
South Carolina	-	-	1	2	-	-	3	1	5	9	157	7
Georgia	-	-	-	1	-	-	2	2	4	7	6	12
Florida	-	-	-	4	-	-	13	6	21	25	326	86
EAST SOUTH CENTRAL	-	1	1	5	1	2	95	32	138	271	509	1,090
Kentucky	-	-	-	-	1	1	35	-	45	130	361	90
Tennessee	-	-	-	1	-	1	30	11	42	78	112	703
Alabama	-	1	1	4	-	-	15	3	18	36	27	91
Mississippi	-	-	-	-	-	-	15	18	33	27	9	206
WEST SOUTH CENTRAL	2	2	-	3	-	2	41	37	82	108	522	1,839
Arkansas	1	1	-	1	-	1	7	1	8	29	50	9
Louisiana	-	-	-	-	-	-	7	8	15	9	6	5
Oklahoma	1	1	-	-	-	1	1	1	4	8	6	84
Texas	-	-	-	2	-	-	26	27	55	62	460	1,741
MOUNTAIN	-	1	-	-	-	-	31	15	91	84	833	471
Montana	-	-	-	-	-	-	16	6	22	5	132	253
Idaho	-	-	-	-	-	-	-	-	7	8	70	4
Wyoming	-	-	-	-	-	-	-	-	-	1	-	155	2
Colorado	-	-	-	-	-	-	2	2	24	32	222	30
New Mexico	-	-	-	-	-	-	10	6	16	10	NN	NN
Arizona	-	-	-	-	-	-	-	-	15	19	185	143
Utah	-	1	-	-	-	-	3	1	4	9	69	39
Nevada	-	-	-	-	-	-	-	-	2	1	-	-
PACIFIC	-	-	-	-	11	14	70	63	142	205	791	1,504
Washington	-	-	-	-	4	-	12	8	20	49	161	635
Oregon	-	-	-	-	-	-	5	-	14	22	109	169
California	-	-	-	-	7	14	52	54	106	117	319	603
Alaska	-	-	-	-	-	-	1	-	1	15	10	94
Hawaii	-	-	-	-	-	-	-	1	1	2	192	3
Puerto Rico	-	-	-	-	-	-	2	-	2	16	17	38

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES, UNITED STATES FOR WEEKS ENDED

FEBRUARY 3, 1963 AND FEBRUARY 2, 1963 - (Continued)

Area	Meningococcal Infections		Streptococcal Sore Throat & Scarlet Fever		Tetanus	Tickborne Typhus (Rcky Mt. Spotted)	Tularemia	Typhoid Fever		Rabies in Animals		
	5th wk.	Cumulative 5 weeks	5th week		5th wk.	5th wk.	5th wk.	5th wk.	Cumulative 5 weeks	5th week		Cumulative 5 weeks
	1963	1963	1963	1962	1963	1963	1963	1963	1963	1963	1962	1963
UNITED STATES....	64	264	9,039	9,728	1	-	5	4	25	54	73	266
NEW ENGLAND.....	2	22	960	640	1	-	-	-	1	-	-	-
Maine.....	-	3	26	24	-	-	-	-	-	-	-	-
New Hampshire.....	-	-	7	5	-	-	-	-	-	-	-	-
Vermont.....	-	1	56	32	-	-	-	-	-	-	-	-
Massachusetts.....	1	8	157	146	-	-	-	-	1	-	-	-
Rhode Island.....	-	3	125	54	-	-	-	-	-	-	-	-
Connecticut.....	1	7	589	379	1	-	-	-	-	-	-	-
MIDDLE ATLANTIC.....	13	34	664	630	-	-	-	-	4	2	-	11
New York.....	2	12	305	399	-	-	-	-	4	1	-	10
New Jersey.....	6	7	162	118	-	-	-	-	-	-	-	-
Pennsylvania.....	5	15	197	113	-	-	-	-	-	1	-	1
EAST NORTH CENTRAL..	6	46	962	866	-	-	1	-	-	5	5	33
Ohio.....	2	14	117	200	-	-	-	-	-	-	-	14
Indiana.....	1	11	136	150	-	-	-	-	-	-	2	4
Illinois.....	1	4	108	197	-	-	1	-	-	3	-	4
Michigan.....	2	11	366	135	-	-	-	-	-	2	1	9
Wisconsin.....	-	6	235	184	-	-	-	-	-	-	2	2
WEST NORTH CENTRAL..	7	14	289	385	-	-	-	-	1	12	30	59
Minnesota.....	1	2	17	38	-	-	-	-	-	2	9	15
Iowa.....	-	-	123	88	-	-	-	-	-	4	13	16
Missouri.....	5	7	5	10	-	-	-	-	1	3	5	15
North Dakota.....	-	1	110	151	-	-	-	-	-	-	-	2
South Dakota.....	1	2	15	-	-	-	-	-	-	3	3	11
Nebraska.....	-	2	1	1	-	-	-	-	-	-	-	-
Kansas.....	-	-	18	97	-	-	-	-	-	-	-	-
SOUTH ATLANTIC.....	16	58	765	762	-	-	3	-	4	10	2	49
Delaware.....	-	-	7	4	-	-	-	-	-	-	-	-
Maryland.....	3	7	50	43	-	-	-	-	1	-	-	-
Dist. of Columbia..	-	1	1	-	-	-	-	-	-	-	-	-
Virginia.....	1	11	272	233	-	-	1	-	-	4	1	18
West Virginia.....	-	6	152	181	-	-	-	-	-	6	-	17
North Carolina.....	1	10	61	32	-	-	1	-	1	-	-	2
South Carolina.....	3	5	61	66	-	-	1	-	-	-	-	-
Georgia.....	-	-	12	26	-	-	-	-	-	-	-	-
Florida.....	8	18	149	177	-	-	-	-	2	-	1	12
EAST SOUTH CENTRAL..	5	22	1,207	1,782	-	-	-	-	3	5	12	24
Kentucky.....	-	6	84	123	-	-	-	-	-	3	3	8
Tennessee.....	2	10	948	1,517	-	-	-	-	3	1	9	14
Alabama.....	1	3	57	28	-	-	-	-	-	1	-	2
Mississippi.....	2	3	118	114	-	-	-	-	-	-	-	-
WEST SOUTH CENTRAL..	7	28	1,007	1,017	-	-	1	2	7	13	16	49
Arkansas.....	-	2	52	7	-	-	1	1	5	1	4	5
Louisiana.....	3	7	17	6	-	-	-	-	-	4	-	7
Oklahoma.....	1	7	22	54	-	-	-	-	-	-	-	4
Texas.....	3	12	916	950	-	-	-	1	2	8	12	33
MOUNTAIN.....	1	7	1,658	1,921	-	-	-	-	1	4	1	5
Montana.....	-	-	55	80	-	-	-	-	-	-	-	-
Idaho.....	-	-	165	186	-	-	-	-	-	-	-	-
Wyoming.....	-	-	-	116	-	-	-	-	-	-	-	-
Colorado.....	-	2	804	590	-	-	-	-	-	-	-	-
New Mexico.....	-	-	365	367	-	-	-	-	1	2	1	2
Arizona.....	1	2	175	242	-	-	-	-	-	2	-	3
Utah.....	-	3	86	338	-	-	-	-	-	-	-	-
Nevada.....	-	-	8	2	-	-	-	-	-	-	-	-
PACIFIC.....	7	33	1,527	1,725	-	-	-	2	4	3	7	36
Washington.....	-	3	609	624	-	-	-	-	-	-	-	-
Oregon.....	-	2	43	59	-	-	-	1	1	-	-	1
California.....	7	25	847	904	-	-	-	1	3	3	7	35
Alaska.....	-	3	3	87	-	-	-	-	-	-	-	-
Hawaii.....	-	-	25	51	-	-	-	-	-	-	-	-
Puerto Rico.....	-	-	-	3	-	-	-	-	-	-	-	1

Table 4 (A). TOTAL DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)°

Area	For weeks ending			
	1/12	1/19	1/26	2/2
NEW ENGLAND:				
Boston, Mass.	271	273	276	272
Bridgeport, Conn.	38	48	46	31
Cambridge, Mass.	34	35	36	21
Fall River, Mass.	33	40	37	31
Hartford, Conn.	64	66	48	44
Lowell, Mass.	24	35	33	20
Lynn, Mass.	28	20	24	26
New Bedford, Mass.	26	36	31	34
New Haven, Conn.	46	53	33	66
Providence, R.I.	85	75	63	83
Somerville, Mass.	12	13	12	13
Springfield, Mass.	45	34	51	62
Waterbury, Conn.	40	27	31	34
Worcester, Mass.	71	75	65	45
MIDDLE ATLANTIC:				
Albany, N.Y.	44	58	54	55
Allentown, Pa.	23	37	39	43
Buffalo, N.Y.	177	134	145	188
Camden, N.J.	54	55	54	43
Elizabeth, N.J.	32	21	29	35
Erie, Pa.	35	41	43	58
Jersey City, N.J.	74	95	81	81
Newark, N.J.	126	167	113	108
New York City, N.Y.	1,988	1,835	1,944	1,989
Paterson, N.J.	41	45	48	45
Philadelphia, Pa.	551	604	598	599
Pittsburgh, Pa.	227	208	191	242
Reading, Pa.	27	25	30	27
Rochester, N.Y.	144	111	102	126
Schenectady, N.Y.	23	25	26	21
Scranton, Pa.	49	47	45	39
Syracuse, N.Y.	69	67	70	65
Trenton, N.J.	58	46	65	34
Utica, N.Y.	27	40	33	19
Yonkers, N.Y.	27	36	33	35
EAST NORTH CENTRAL:				
Akron, Ohio	61	72	59	77
Canton, Ohio	34	47	40	32
Chicago, Ill.	807	787	877	823
Cincinnati, Ohio	207	172	163	200
Cleveland, Ohio	227	185	177	228
Columbus, Ohio	129	137	114	135
Dayton, Ohio	121	81	88	99
Detroit, Mich.	365	374	459	346
Evansville, Ind.	50	48	47	45
Flint, Mich.	49	48	38	47
Fort Wayne, Ind.	50	35	47	40
Gary, Ind.	43	31	24	44
Grand Rapids, Mich.	58	73	48	45
Indianapolis, Ind.	190	176	166	163
Madison, Wis.	61	35	36	24
Milwaukee, Wis.	142	138	111	143
Peoria, Ill.	25	24	21	32
Rockford, Ill.	33	27	37	19
South Bend, Ind.	39	40	43	31
Toledo, Ohio	103	91	105	86
Youngstown, Ohio	66	62	57	68
WEST NORTH CENTRAL:				
Des Moines, Iowa	71	55	55	54
Duluth, Minn.	36	32	40	35
Kansas City, Kans.	44	48	57	61
Kansas City, Mo.	143	137	176	183
Lincoln, Nebr.	37	28	44	31
Minneapolis, Minn.	128	118	115	116
Omaha, Nebr.	87	70	69	80
St. Louis, Mo.	287	243	232	273
St. Paul, Minn.	111	75	66	77
Wichita, Kans.	63	52	65	48
SOUTH ATLANTIC:				
Atlanta, Ga.	157	163	123	138
Baltimore, Md.	303	300	379	382
Charlotte, N.C.	31	40	46	52
Jacksonville, Fla.	91	59	53	56
Miami, Fla.	97	84	88	75
Norfolk, Va.	73	55	54	43
Richmond, Va.	102	79	78	97*
Savannah, Ga.	62	33	42	36
St. Petersburg, Fla.	98	100	89	75
Tampa, Fla.	91	68	123	61
Washington, D.C.	269	210	231	257
Wilmington, Del.	50	35	40	40
EAST SOUTH CENTRAL:				
Birmingham, Ala.	133	95	111	116
Chattanooga, Tenn.	55	69	41	47
Knoxville, Tenn.	38	28	39	39
Louisville, Ky.	111	200	163	148
Memphis, Tenn.	153	128	150	170
Mobile, Ala.	45	57	52	56
Montgomery, Ala.	39	39	48	36
Nashville, Tenn.	76	78	82	66
WEST SOUTH CENTRAL:				
Austin, Tex.	65	52	41	32
Baton Rouge, La.	36	26	47	30
Corpus Christi, Tex.	35	26	29	34
Dallas, Tex.	137	140	148	165
El Paso, Tex.	55	46	38	42
Fort Worth, Tex.	79	86	81	89
Houston, Tex.	192	177	191	221
Little Rock, Ark.	62	57	62	39
New Orleans, La.	179	184	172	207
Oklahoma City, Okla.	91	104	95	78
San Antonio, Tex.	133	145	123	129
Shreveport, La.	60	42	67	63
Tulsa, Okla.	101	68	62	64
MOUNTAIN:				
Albuquerque, N. Mex.	46	46	29	48
Colorado Springs, Colo.	22	30	16	13
Denver, Colo.	155	144	114	137
Ogden, Utah	18	28	9	18
Phoenix, Ariz.	101	69	134	102
Pueblo, Colo.	23	19	20	13
Salt Lake City, Utah	54	66	54	46
Tucson, Ariz.	61	65	49	53
PACIFIC:				
Berkeley, Calif.	19	23	14	27
Fresno, Calif.	65	43	41	52
Glendale, Calif.	58	47	54	33
Honolulu, Hawaii	50	44	53	52
Long Beach, Calif.	82	48	89	76
Los Angeles, Calif.	555	570	588	521
Oakland, Calif.	110	91	110	139
Pasadena, Calif.	37	42	41	37
Portland, Oreg.	121	137	119	115
Sacramento, Calif.	86	68	73	65*
San Diego, Calif.	112	101	142	102
San Francisco, Calif.	226	208	220	214
San Jose, Calif.	36	36	36	47
Seattle, Wash.	131	149	145	146
Spokane, Wash.	68	32	65	62
Tacoma, Wash.	40	44	38	34
San Juan, P.R.	32	38	19	(---)

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

°Current Week Mortality for 108 Selected Cities

4(A) Total Mortality, all ages	13,076
4(B) Pneumonia-Influenza Deaths, all ages	644
4(C) Total Deaths under 1 Year of Age	758
4(D) Total Deaths, Persons 65 years and over	7,503

NOTE: All deaths by place of occurrence.

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newly arriving recruits. The Training Station receives 500-600 new recruits per week from all areas of the country. Influenza A_2 virus has been isolated from 19 throat specimens obtained from clinical cases. Present information indicates that the illness has not spread beyond the recruit population. All other base military personnel have had influenza vaccine.

Information for this summary was received from the State Epidemiologists and Laboratories in the involved States and the District of Columbia; Cmdr. B. F. Gundelfinger, MC, USN, Head, Communicable Disease Branch, Preventive Medicine Division, U. S. Navy; and a team from the Communicable Disease Center.

Summary of Food and Water-borne Disease Outbreaks – 1961

One hundred and ninety-eight outbreaks of food- and water-borne disease involving 7,972 cases were reported to the Communicable Disease Center in 1961. A tabulation of the number of outbreaks and cases by etiology is shown below:

1961 SUMMARY OF FOOD-BORNE AND WATER-BORNE DISEASE OUTBREAKS

	Outbreaks	Cases
1. Staphylococcal	46	1,503
2. Salmonellosis	20	750
3. Typhoid	4	12
4. Shigellosis	3	169
5. Streptococcal	3	786
6. Trichinosis	3	35
7. Botulism	6	14
8. Clostridium perfringens	6	523
9. Viral Hepatitis	6	719
10. Chemical-Noxious Foods	6	370
11. Unknown	95	3,091
Total	198	7,972

Previous listings of food- and water-borne disease outbreaks reported in 1961 appeared in MMWR Vol. 10, Nos. 12, 27, 28, and Vol. 11, Nos. 12 and 14. During subsequent weeks, line listings of the remaining 1961 outbreaks will appear on the back page of the Morbidity and Mortality Report.

INTERNATIONAL NOTES – QUARANTINE MEASURES

Influenza – Netherlands

Twenty cases of influenza-like illness were reported in January from a mental disease institute near Utrecht (WHO Weekly Epidemiological Record, No. 4, January 25, 1963). Hemagglutination inhibition tests on paired sera from two patients showed serologic titer rises to influenza virus A_2.

A report received at the WHO Influenza Center for the Americas from Prof. Dr. J. Mulder, Academisch Ziekenhuis, Leiden, indicates that, during the week of January 20, 1963, foci of influenza were reported from two military units. Five strains of influenza A_2 virus have been isolated. Influenza A_2 virus was also isolated from a case of pneumococcal pneumonia in Leiden. The strains isolated are reported as clearly related to the 1957 A_2 virus.

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